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# SINGLE DISC GRINDER OWNER'S MANUAL OPERATING INSTRUCTIONS

SDG-101

SDG-103



SDG-101



SDG-103

Revision 103	11.2013
Manual 170103	

**Caution:** Read all safety and operating instructions before using this equipment. This parts list **MUST** accompany the equipment at all times.



## INTRODUCTION

Congratulations on your purchase of a Sawtec SDG Grinder. We are certain that you will be pleased with your purchase. Sawtec takes pride in producing the finest construction power tools in the industry.

Operated correctly, your Sawtec SDG Grinder should provide you with years of service. In order to help you, we have included this manual. This owners manual contains information necessary to operate and maintain your Sawtec SDG Grinder safely and correctly. Please take the time to familiarize yourself with the Sawtec SDG Grinder by reading and reviewing this manual.

Read and follow all safety, operating and maintenance instructions.

If you should have questions concerning your Sawtec SDG Grinder, please feel free to call our friendly customer service department at: 800 421-5830.

Regards,

Sawtec

### NOTE THIS INFORMATION FOR FUTURE USE:

<b>MODEL NUMBER:</b>	
<b>SERIAL NUMBER:</b>	
<b>PURCHASE PLACE:</b>	
<b>PURCHASE DATE:</b>	

**NOTE:** For your (1) one year warranty to be effective, complete the warranty card (including the Serial Number) and mail it in as soon as possible.

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Read and follow all safety, operating and maintenance instructions. Failure to read and follow these instructions could result in injury or death to you or others. Failure to read and follow these instructions could also result in damage and/or reduced equipment life.

## **SAFETY MESSAGES**

A safety message alerts you to potential hazards that could hurt you or others. Each safety message is preceded by a safety alert symbol (  ) and one of three words: **DANGER**, **WARNING**, or **CAUTION**.



**DANGER** You **WILL** be **KILLED** or **SERIOUSLY INJURED** if you do not follow directions.



**WARNING** You **CAN** be **KILLED** or **SERIOUSLY INJURED** if you do not follow directions.



**CAUTION** You **CAN** be **INJURED** if you do not follow directions. It may also be used to alert against unsafe practices.

## **DAMAGE PREVENTION AND INFORMATION MESSAGES**

A Damage Prevention Message is to inform the user of important information and/or instructions that could lead to equipment or other property damage if not followed. Information Messages convey information that pertains to the equipment being used. Each message will be preceded by the word **NOTE**, as in the example below.

**NOTE:** Equipment and/or property damage may result if these instructions are not followed.

## **GENERAL SAFETY PRECAUTIONS AND HAZARD SYMBOLS**

In order to prevent injury, the following safety precautions and symbols should be followed at all times!

## **SAFETY PRECAUTIONS**



**ALWAYS** read the Owner's Manual before operating the machine.



**ALWAYS** keep the Shroud in place.



### **REMOVE ADJUSTING KEYS AND WRENCHES**

Form a habit of checking to see that keys and adjusting wrenches are removed from the power tool before it is turned on.



### **KEEP WORK AREA CLEAN**

Cluttered work areas and benches invite accidents.



### **DO NOT USE IN DANGEROUS PLACES**

**DO NOT** use power tools in damp or wet locations nor expose them to rain. Always keep the work area well lighted.



### **KEEP CHILDREN AWAY**

All visitors and children should be kept a safe distance from work area.

**MAKE THE WORKSHOP KID PROOF**

Make the workshops kid proof by using padlocks, master switches or by removing starter keys.

**DO NOT FORCE THE TOOL**

A power tool will do a job better and safer operating at the rate for which it was designed.

**USE THE RIGHT TOOL**

**DO NOT** force a tool or an attachment, to do a job that it was not designed to do.

**USE THE PROPER EXTENSION CORD**

If using an extension cord make sure it is in good condition first. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage that will result in a loss of power and overheating. TABLE 1, Page 10 shows the correct AWG size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

**USE PROPER APPAREL**

**DO NOT** wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry that may be caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.



**ALWAYS** wear approved eye protection.



**ALWAYS** wear approved respiratory protection.



**ALWAYS** use hearing protection.

**SECURE WORK**

Clamps or a vise should be used to hold work whenever practical. Keeping your hands free to operate a power tool is safer.

**DO NOT OVERREACH**

Keep proper footing and balance at all times by not overreaching.

**MAINTAIN TOOLS WITH CARE**

Keep tools clean for the best and safest performance. Always follow maintenance instructions for lubricating, and when changing accessories.

**DISCONNECT TOOLS**

Power tools should always be disconnected before servicing or when changing accessories, such as blades, bits, cutters, and the like.



**ALWAYS** place the power ON/OFF switch in the **OFF** position when the saw is not in use.

**USE RECOMMENDED ACCESSORIES**

Consult the owner's manual for recommended accessories. Using improper accessories may increase the risk of personal or by-stander injury.

**NEVER STAND ON THE TOOL**

Serious injury could occur if a power tool is tipped, or if a cutting tool is unintentionally contacted.

**CHECK FOR DAMAGED PARTS**

Before using a power tool, check for damaged part. A guard or any other part that is damaged should be carefully checked to determine if would operate properly and perform its intended function. Always check moving parts for proper alignment or binding. Check for broken parts and mountings and all other conditions that may affect the operation of the power tool. A guard, or any damaged part, should be properly repaired or replaced.

**NEVER LEAVE A TOOL UNATTENDED**

**TURN POWER OFF** - Do not leave a tool until it comes to a complete stop. Always turn a power tool OFF when leaving the work area, or, when a cut is finished.

**ELECTRICAL SHOCK**

**NEVER** touch electrical wires or components while the motor is running. They can be sources of electrical shock which could cause severe injury or burns.

**ROTATING PARTS**

Keep hands, feet, hair, and clothing away from all moving parts to prevent injury. Never operate the motor with covers, shrouds, or guards removed.

**OVER SPEED**

**NEVER** tamper with the governor components or settings to increase the maximum speed. Severe personal injury and damage to the motor or equipment can result if operated at speeds above maximum.

**DO NOT EXPOSE TO RAIN**

**DO NOT** expose to rain or use in damp locations.

## **SILICA DUST WARNING**

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Grinding/cutting/drilling of masonry, concrete, metal and other materials with silica in their composition may give off dust or mists containing crystalline silica. Silica is a basic component of sand, quartz, brick clay, granite and numerous other minerals and rocks. Repeated and/or substantial inhalation of airborne crystalline silica can cause serious or fatal respiratory diseases, including silicosis. In addition, California and some other authorities have listed respirable crystalline silica as a substance known to cause cancer. When cutting such materials, always follow respiratory precautions.

Use appropriate NIOSH-approved respiratory protection where dust hazard may occur. Paper masks or surgical masks without a NIOSH approval number are not recommended because they do little to protect the worker. For more information about respirator programs, including what respirators have received NIOSH approval as safe and effective, please visit the NIOSH website at:

<http://www.cdc.gov/niosh/npptl/topics/respirators>

Observe OSHA regulations for respirator use (29 C.F.R. §1910.134 and §1503.1).

Visit <http://www.osha.gov> for more information.

## **CALIFORNIA PROPOSITION 65 MESSAGE**

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Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contain chemicals known (to the State of California) to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead, from lead-based paints
- Crystalline silica from bricks, cement and other masonry products
- Arsenic and chromium, from chemically treated lumber

For further information, consult the following sources:

<http://www.osha.gov/dsg/topics/silicacrystalline/index.html>

<http://www.cdc.gov/niosh/docs/96-112/>

<http://oehha.ca.gov/prop65/law/P65law72003.html>

<http://www.dir.ca.gov/Title8/sub4.html>

Your risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles. Where use of a dust extraction device is possible, it should be used. To achieve a high level of dust collection, use an industrial HEPA vacuum cleaner. Observe OSHA 29 CFR part 1926.57 and 1926.103.



### **WARNING**

Diamond Blades improperly used are dangerous. Comply with American National Standards Institute Safety Code, B7.1 and, Occupational Safety and Health Act covering Speed, Safety Guards, Flanges, Mounting Procedures, General Operating Rules, Handling, Storage and General Machine Conditions

## ELECTRICAL REQUIREMENTS AND GROUNDING INSTRUCTIONS

In order to prevent potential electrical shock and injury, the following electrical safety precautions and symbols should be followed at all times!



### WARNING

In case of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

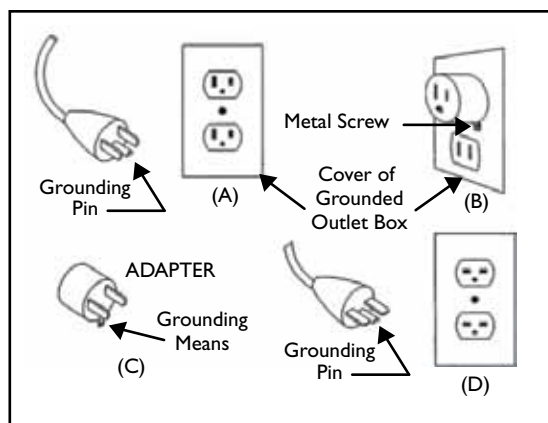
- Do not modify the plug provided – if it will not fit the outlet; have the proper outlet installed by a qualified electrician
- Improper connections of the equipment-grounding conductor can result in a risk of electric shock. The equipment-grounding conductor is the insulated conductor that has an outer surface that is green, with or without yellow stripes. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal
- Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded
- Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug
- Repair or replace a damaged or worn cord immediately



### WARNING

This tool is intended for use on a circuit that has an outlet that looks like the one shown in Sketch A. The tool has a grounding plug that looks like the plug illustrated in Sketch A. A temporary adapter, which looks like the adapter illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in Sketch B, if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green-colored rigid ear, lug, and the like, extending from the adapter, must be connected to a permanent ground such as a properly grounded outlet box.

**NOTE:** Use of a temporary adapter is not permitted in Canada.



**Circuit and Adapter Information**

**WARNING**

To avoid the possibility of the appliance plug or receptacle getting wet, position the machine to one side of a wall mounted receptacle. This will prevent water from dripping onto the receptacle or plug. A “drip loop,” should be arranged by the user to properly position the power cord relative to the power source.

The “drip loop” is that part of the cord below the level of the receptacle, or the connector, if an extension cord is used. This method of positioning the cord prevents water traveling along the power cord and coming in contact with the receptacle.

If the plug or receptacle gets wet, **DO NOT** unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the tool. Then unplug and examine for presence of water in the receptacle.

**WARNING**

Use only extension cords that are intended for outdoor use. These extension cords are identified by a marking “Acceptable for use with outdoor appliances; store indoors while not in use.” Use only extension cords having an electrical rating not less than the rating of the product. Do not use damaged extension cords. Examine extension cords before using and replace if damaged. Do not abuse extension cords and do not yank on any cord to disconnect. Do not allow the cord to come in contact with the grinding head/ wheel or other moving parts of the machine. Keep cords away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.

**WARNING**

To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch the plug with wet hands.

**WARNING**

Use of under sized extension cords result in low voltage to the motor that can result in motor burnout and premature failure. Sawtec warns that equipment returned to us showing signs of being run in a low voltage condition, through the use of undersized extension cords will be repaired or replaced totally at the customer's expense. There will be no warranty claim.

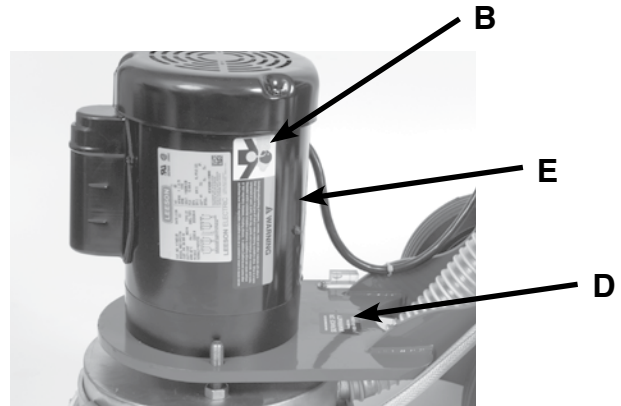
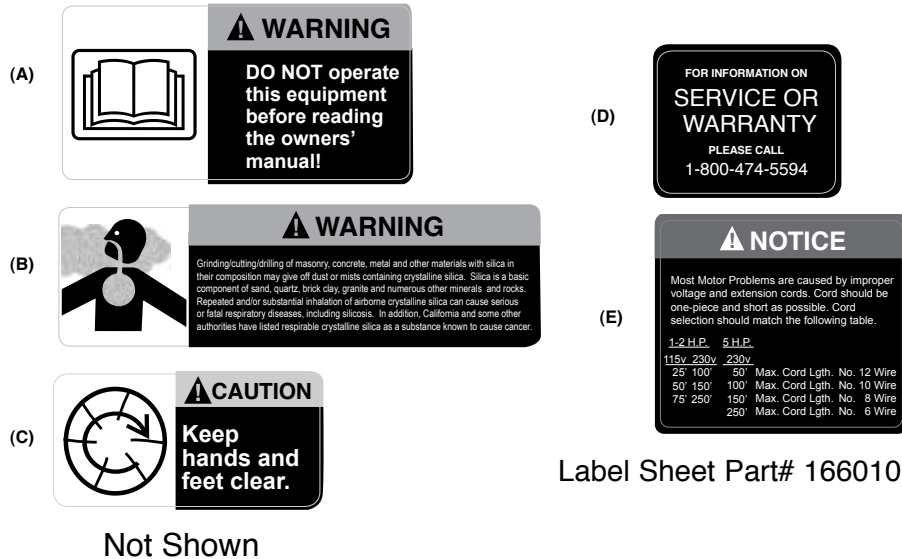
To choose the proper extension cord,

- Locate the length of extension cord needed in the table below.
- Once the proper length is found, move down the column to obtain the correct AWG size required for that length of extension cord.

EXTENSION CORD LENGTH							
Nameplate Amperes	115V	25'	50'	75'	100'	150'	200'
	250V	50'	100'	150'	200'	300'	400'
0 - 5		16	16	16	14	12	12
5.1 - 8		16	16	14	12	10	•
8.1 - 12		14	14	12	10	•	•
12.1 - 15		12	12	10	10	•	•
15.1 - 20		10	10	10	•	•	•

## OPERATION & SAFETY DECALS

The Sawtec SDG is equipped with a number of safety decals. These decals are provided for operator safety and maintenance information. Should any of these operation or safety decals become unreadable, replacements can be obtained by calling (800) 262-1575.



## PRODUCT SPECIFICATIONS

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The Sawtec SDG is a versatile unit. Operated and used according to this manual, the Sawtec SDG will provide years of dependable service.

## FEATURES

- Uses either a 10 or 20 segment 10" diameter diamond grinding discs to level, smooth or clean the top surface of concrete slabs.
- Provides a smoother finish compared to other methods such as scarifiers.
- Dust shroud helps contain grinding debris.
- Works on concrete slabs, terrazzo, brick, stone and ceramic tile floors.
- The unique shroud system automatically adjusting to suit segment height and floor angle.

## SPECIFICATIONS

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Specifications for the Sawtec SDG are listed in the table below.

Model	ST-SDG-101	ST-SDG 103
Power	1 Hp 110V/220 60 Hz	3 HP 230V 60 Hz
Amps	12.8/6.4	230-400V 3-Phase
Disc RPM	1725	1740
Disc Capacity	10" (254mm)	10" (254mm)
Ballast	70 lbs. (32kg)	70 lbs. (32kg)
Weight	120 lbs. (54kg)	147 lbs. (67kg)
LxWxH (inches)	43" x 14" x 41"	43" x 14" x 41"
LxWxH (mm)	1092 x 356 x 1041	1092 x 356 x 1041
Part #	169156	169157

## CONTENTS

**! CAUTION** Use proper lifting techniques when lifting the Sawtec SDG.

If not already done, remove the Sawtec SDG, accessory box from the carton.

In your container, you will find

One (1) Sawtec SDG

One (1) Sawtec Owner's Manual

One (1) Motor Manual

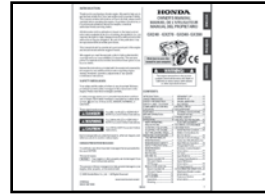
One (1) Warranty Card



Sawtec SDG



Owners  
Manual



Motor  
Manual



Warranty  
Card

## TRANSPORT

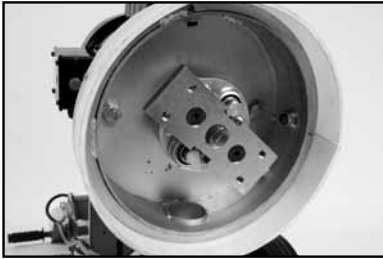
1. The Sawtec SDG weighs approximately one hundred and forty-seven (147) pounds; use care when transporting. The unit needs to be rolled from one location to another.
2. The floor grinder has a foldable handle that enables it to be easily transported in the trunk of most small vehicles.

**! CAUTION** Never start or run machine with handle folded.



## GRINDING DISCS INSTALLATION

You need to install the grinding disc before operation of the Sawtec SDG. Ensure the correct type of grinding disc is selected for the type of material being ground. After a few minutes of grinding check the wear on the grinding disc.



Tilt Grinder back



Place Grinding Disc on mounting plate, aligning bolt holes



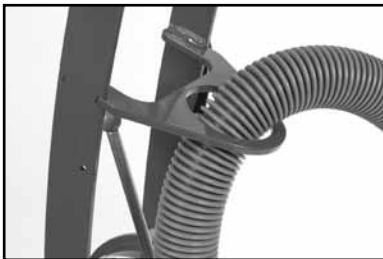
Insert the four bolts and tighten

## GRINDING

The floor grinders are designed to be used either wet or dry.

### DRY GRINDING

This shroud system, when used in conjunction with an appropriate industrial vacuum unit, eliminates dust loss during grinding. Attach hose to dust port.



Place hose through support.



Attach hose to dust port.

**NOTE:** Ensure a suitable industrial vacuum is connected and that operator is wearing suitable breathing respiratory equipment.

### WET GRINDING

The floor grinder comes complete with a water connection for wet grinding. This incorporates a ball valve allowing the operator to regulate the water supply to obtain the best grinding results.



## HANDLEBAR ADJUSTMENT

Adjust the Handlebar, as shown in the figure to the proper height for the operator. Lock handle into place with locking lever.

**NOTE:** Always be sure that the folding handlebar latch is secure and check during operation that it has not vibrated loose.



## WHEEL HEIGHT ADJUSTMENT

Adjust wheel height to ensure grinding plate sits level on the ground. This adjustment makes the grinding head perpendicular to the ground. In the event of the grinder pulling to one side all the time, adjust the axle height.



Turn wheel adjustment lock counter clockwise.



Rotate wheel adjustment handle to desired height.



Turn wheel adjustment lock clockwise.

## SHROUD

The shroud has two removable sections to enable the operator to grind close to the walls etc.

**NOTE:** Dust loss is possible when removing any section of the shroud. DO NOT make any adjustments while the machine is in operation. Any adjustments must only be performed when machine is stopped and power disconnected.



Insert Allen wrench and unscrew bolt. Repeat on other side of shroud.



Remove shroud.

## OPERATION

### BEFORE STARTING

1. Inspect entire area before grinding. Remove all debris that could damage diamond or cause a hazardous situation.
2. Choose correct diamond wheels for the job condition.
3. Ensure grinding wheel mountings are clean and the retaining bolts are securely tightened.
4. Check for adequate water flow. (If water is required.)
5. Be sure the grinding wheels are positioned over the work area.
6. Adjust water flow. (If application requires water) or turn on vacuum (if dry grinding)
7. Ensure grinder is on a level surface.

- NOTE:**
1. Check the grinding plate is correctly balanced.
  2. Check that the grinding plates being used are in good order and properly attached, with all countersunk bolts firmly in place. Check this occasionally during use, as they can work loose during operation.
  3. Check that the grinding plate is adjusted so that it sits level on the ground.
  4. Do not add weight to the machine to make the grinder work harder. Instead reduce the number of segments on the grinding head to increase performance.
  5. Operational sounds: During operation of the motor there must be no rubbing sounds, shrieks or other random noises. Stop the motor immediately and restart after inspection and corrections have been made.



Connect grinder to suitable power source. Turn on vacuum or water. Raise the grinding plate from the floor.



Holds the handles firmly. Start the motor. For SDG-103 press black button



Lower the grinding plate and commence grinding.



Stop grinder when work is complete. For SDG-103 depress the red stop button.

- NOTE:**
- Inspect entire area to be ground before grinding and remove any object such as bolts, nails etc.. that could damage the machine or cause a hazard. Ensure there are no obstacles that could present a hazard. Keep machine clear of drainage pits & grates or any such hazard.

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**CLEAN UP**

**CAUTION** Engine parts are extremely hot following use. Allow motor to cool 1/2 hour before cleaning. Use care during cleanup to avoid injury.

**NOTE:**

1. To extend operating life, the Sawtec SDG should be cleaned following every use.
2. Using a garden hose or pressure washer can force water into the air cleaner or muffler opening.
3. Use care when cleaning around electrical components.
4. The motor should always be kept clean. No water drops, cotton etc should be allowed to get into the interior of the motors.

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**MAINTENANCE**

Check folding handle latch periodically. This is adjustable. To adjust, loosen the lock nut on the latch and then screw in until a satisfactory tension has been achieved. Always be sure the folding handle latch is secure and has not vibrated loose after use.

The wheel bearings use sealed bearings and require no regular greasing.

To minimize vibration and uneven diamond wear, rotate plate every 2 hours. Failure to do so can lead to premature wear of the flexible coupling.

When grinding, the machine is exposed to high vibration. Check machine for bolts/nuts which may have vibrated loose.

## TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	ACTION
Machine will not start/run.	No power is available at cable end.	Check and confirm the power cable is available.
	Machine is trying to start on glue or other sticky substance.	Clear a patch with scraper and grind into the glue a little, preventing glue build-up on diamonds.
	Extension cord is too small in capacity or too long.	Upgrade the extension cord. (See specifics on page 10)
Machine is not grinding at all.	No blade/accessories in unit.	Fit blade and check wear on machine.
	Very hard concrete or glazed topping on concrete.	Turn dust extractor down, the extra dust acts as an abrasive between the segments, making diamonds work better.
		Place river sand or equivalent on the floor as an abrasive as described above.  Use softer grade of diamond tool, which will expose the diamonds better.  Use coarser diamond tool, which will get through the hard topping without wearing out the diamond too fast.
Grinder runs for 5-15 seconds, then stops.	The current allow screw is not adjusted properly.	Adjust the current screw to the right position.
	Extension cable too long and / or not made from heavy enough cable.	Get electrician to check extension lead compatibility.
Grinder runs but does not perform adequately.	Motor defective	Repair or replace
Grinder vibrates during use.	Grinding plates not correctly balanced.	Replace or re-balance grinding plates.
Grinding noise coming from grinding head.	Excessively worn motor bearings.	Have motor serviced.

**1010/1020 SERIES** of grinding heads are designed to give rough concrete surfaces the smoothest finish in the quickest time. Available in either 10 or 20 segment configurations. Hard bond is for grinding green concrete and asphalt. Soft bond is for grinding cured concrete.



### 1010H Premium Hard Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	10	158181

Segment Height: 8 mm



### 1010S Premium Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	10	151925

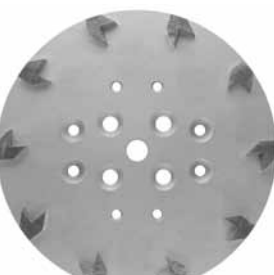
Segment Height: 8 mm



### 1020H Premium Hard Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	158182

Segment Height: 8 mm



### 1020S Premium Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	151926

Segment Height: 8 mm



### 1020 TURBO Supreme Hard Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	167939

Includes the mounting bolts

### 1010 ARROW Supreme Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	10	167971

### 1020 ARROW Supreme Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	168446

Segment Height: 8 mm  
Includes the mounting bolts





**ORDERING INFORMATION**

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You may order Sawtec products through your local Sawtec distributor or, you may order direct from Sawtec.

When ordering direct from Sawtec, please have the following information ready before calling:

- The Model Number of the saw
- The Serial Number of the saw
- Where the saw was purchased and when
- The Part Number for the part(s) being ordered
- The Part Description for the part(s) being ordered

**NOTE:** There is a \$25.00 minimum order when ordering direct from Sawtec. A \$6.00 charge will be added to orders having a net billing value under \$50.00. All purchases must be made using VISA, MasterCard or American Express.

All parts may be ordered by calling toll free to – 800 421-5830 or 310 539-5221 and asking for Customer Service. For technical questions, call – 800 474-5594.

**RETURN MATERIALS POLICY**

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To expedite the service relative to the return of a product purchased through Sawtec, please observe the following:

**NOTE:** When returning all items, they must have been purchased within the previous twelve (12) months.

- Have the Model Number of the saw
- Have the Serial Number of the saw
- Have the location of where the saw was purchased
- Have the date when the saw was purchased
- Contact Customer Service for approval to return the item(s)
- Obtain a Returned Goods Number (RGA) authorizing the return
- Follow the packaging instructions in the following section
- Ensure your item(s) are prepaid to the destination

For returned items, call toll free to – 800 421-5830 or 310 539-5221 and ask for Customer Service. For technical questions, call – 800 474-5594 or 310 257-2845.

**PACKAGING INSTRUCTIONS**

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- Remove the Cutting Head and Support Angle Assembly
- Dry the saw before shipping
- When packing, include the following: SDG, Grinding Disc, & Shroud  
(Other Accessories are not required)
- Package the unit in its original container or one of comparable size (do not ship the unit partially exposed)
- Ensure all parts are secured in the packaging to prevent moving

**AUTHORIZED SERVICE CENTERS**

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For quicker repair time, you may contact Sawtec Customer Service, toll free, at 800 421-5830 or 310 539-5221 for the Authorized Service Center closest to you or visit our web site at [www.sawtec-pro.com](http://www.sawtec-pro.com). For technical questions, call – 800 474-5594.

**CONTACT:**

Please contact Sawtec, Inc. Customer Service Department with any questions you might have regarding distributors, parts or service.

Telephone: **(800) 421-5830**

Fax: **(310) 539-5158**

E-mail: **Customer\_Service@MKDiamond.com**

Customer Service Hours: **Monday through Friday, 6AM-4PM PST**

**Sawtec, Inc.**

**1315 Storm Parkway**

**Torrance, CA 90501**

**SAWTEC, INC. LIMITED WARRANTY**

SAWTEC, INC. will guarantee every machine they build, to be free from defects in material and workmanship for (1) one year from date of purchase. The obligation of SAWTEC, INC. under this warranty is limited to the repair or replacement of any parts which, under normal use, prove to be defective in material or workmanship. The parts involved or the unit in question should be returned to SAWTEC, INC. or to a point designated by us, transportation prepaid.

This warranty does not obligate us to bear the cost of labor or transportation charges in connection with replacement or repair of defective parts. Likewise, it shall NOT apply to any unit which has been subjected to misuse, neglect or accident. This warranty does NOT apply to any machine which has been repaired or altered outside our factory.

This warranty does NOT obligate SAWTEC PRODUCTS, INC., with respect to items not of our manufacture, such as engines, motors, hydraulics, etc., which are subject to their own guarantees and warranties.

We shall in no event be liable for consequential damages or contingent liabilities arising out of failure of any equipment or parts to operate properly.

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This manual MUST accompany the equipment at all times. This manual is considered a permanent part of the equipment and should remain with the unit if resold.

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**SAWTEC SINGLE DISC GRINDER**  
OWNERS MANUAL,  
OPERATING INSTRUCTIONS



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